

### AMENDMENTS TO THE CLAIMS

1. (Currently amended) Process for preparing  $C(O)F_2$  which comprises photooxidizing by photooxidizing  $CHClF_2$  or  $CHF_3$  with oxygen.
2. (Original) Process according to Claim 1, characterized in that the irradiation is undertaken in the absence of chlorine and the incident light which may have wavelengths including  $< 280$  nm, or in that the irradiation is undertaken in the presence of elemental chlorine with light of a wavelength of  $\geq 280$  nm, in which case not more than 0.50 mol of elemental chlorine is present in the reaction mixture per mole of  $CHClF_2$  or  $CHF_3$ .
3. (Original) Process according to Claim 1, characterized in that 0.05 to 0.20 mol of elemental chlorine is present per mole of  $CHClF_2$  or  $CHF_3$ .
4. (Currently amended) Process according to Claim 1, characterized in that the irradiation is carried out at a temperature of 20 to  $300^\circ C$ , ~~preferably 30 to  $300^\circ C$ , in particular 50 to  $90^\circ C$ .~~
5. (Original) Process according to Claim 1, characterized in that the irradiation is carried out at a pressure of 1 to 11 bar (abs.).
6. (Original) Process according to Claim 1, characterized in that the reactants are present in gaseous form.
7. (Original) Process according to Claim 1, characterized in that the reaction is carried out continuously.
8. (Original) Process according to Claim 7, characterized in that the average residence time in the reactor is between 0.1 and 3 minutes.
9. (Original) Process according to Claim 1, characterized in that  $CHClF_2$  is used as the starting compound.
10. (New) Process according to Claim 1, characterized in that the irradiation is carried out at a temperature of 30 to  $300^\circ C$ .

11. (New) Process according to Claim 1, characterized in that the irradiation is carried out at a temperature of 50 to 90°C.